

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE N/A	PAGE 1	OF 4
2. AMENDMENT/MODIFICATION NO. 86	3. EFFECTIVE DATE See Block 16C	4. REGULATION/PURCHASE REQ. NO. See Attached Pages	5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY NASA, John F. Kennedy Space Center Office of Procurement Mail Code: OP-ES Attn: Janet Thodos Kennedy Space Center, FL 32899		7. ADMINISTERED BY (If other than Item 6) CODE	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (Firm, Street, county, State and ZIP Code)  InDyne, Inc. 6862 Elm Street, Suite 700 McLean, VA 22101		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 17)		
		10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS10-03111		
		10B. DATED (SEE ITEM 13) 9/29/2003		
CODE 1LJ00	FACILITY CODE			

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing Items 8 and 15, and returning N/A copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Attached

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- |   |
|---|
| A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(a). |
| X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>NFS 1852.232-81 Contract Funding (JUN 1980)   |
| D. OTHER Specify type of modification and authority   |

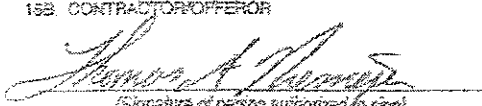
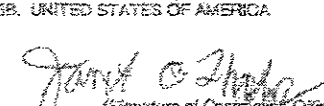
E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to do the following:

- o Add CLIN 7 incremental funding.
- o Add Contract Value for CLIN 2
- o Add Contract Value for CLIN 4
- o Add contract Value for CLIN 7

See Pages 2-4

15A. NAME AND TITLE OF SIGNER (Type or print) Thomas A Niemeyer KICS PM		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Janet C. Thodos	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 10/20/2006	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	15C. DATE SIGNED 11/28/06

## 14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

## a. OBLIGATIONS/VALUE:

CLIN 2-

CLIN 2-TO 1012-Augmentation of ISTRES TAL Site-Equipment  
Contract Value Increase:

CLIN 2-TO 1014-MILA to ODSC Fiber Circuits-Equipment  
Contract Value Increase:

CLIN 2-TO 1018-NEEMO 6-Equipment  
Contract Value Increase:

CLIN 2-TO 1020-OTVM LCG-4 Video Display-Equipment  
Contract Value Increase:

CLIN 2-Baseline Configuration Imagery for FY 07 Effort  
Contract Value Increased

Of this amount,                      oes to cost and                      es to fee.

CLIN 2 Contract Value Increase

CLIN 4-

CLIN 4 – Phone Support Service-  
Contract Value Increase

CLIN 4 Contract Value Increase:

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CLIN 7-

PR4200180240

CLIN 7 – Incremental Funding Task Order 1072 – Trailer Replacement TR6-0100 -  
Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1091 – PAD A Crawlerway Distribution to CXT 8 Copper Cable -  
Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1093 – Operational Television (OTV) Survivability -Camera -  
Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1097 –LSE PCO Upgrade and CORRS Implementation -  
Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1098 –LSP Wideband Upgrade -  
Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1106 – ESS-AC Network Expansion in LCC  
Task Order is incrementally funded – good through date is November 30, 2006.

**PR4200180240**

CLIN 7 – Incremental Funding Task Order 1107 –SSPF Comm Rooms 3501 & 3091-Add Network -  
Task Order is incrementally funded – good through date is November 30, 2006.

**PR4200180240**

CLIN 7 – Incremental Funding Task Order 1108 –ATXS Expansion for KCCS (Multiple Projects) -  
Task Order is incrementally funded – good through date is November 30, 2006.

**PR4200180240**

CLIN 7 – Incremental Funding Task Order 1111 –CIF 3<sup>rd</sup> Floor Network Upgrades -  
Task Order is incrementally funded – good through date is November 20, 2006.

**PR4200180240**

CLIN 7 – Incremental Funding Task Order 1112 – T1 Hanger AE Wireless Lan Upgrade -  
Task Order is incrementally funded – good through date is November 30, 2006.

**PR4200180240**

CLIN 7 – Incremental Funding Task Order 1114 –CIF 1<sup>st</sup> Floor Network Upgrade-  
Task Order is incrementally funded – good through date is November 20, 2006.

**PR4200180240**

CLIN 7 – Incremental Funding Task Order 1115 – O&C Wireless Network Upgrade -  
Task Order is incrementally funded – good through date is November 30, 2006.

**PR4200180240**

CLIN 7 – Incremental Funding Task Order 1116 – SSPF Comm Rm 2278 Network Upgrades -  
Task Order is incrementally funded – good through date is November 30, 2006.

**PR4200180241**

CLIN 7 – Fully Funded Task Order 1123 – Voice TAL Site Satellite Radio Replacement -  
Task Order is Fully Funded – good through date is November 17, 2006.  
Contract Value Increase:

CLIN 7-Task Order 1027-(Mod 7)-Ground Camera Assent Imagery Project  
Contract Value Increase:

CLIN 7 Total Funding Increase:

CLIN 7 Contract Value Increase:

**c. INCORPORATE INTO THE CONTRACT:**

- o The attached Section B, pages, 1, 3, 6 & 7 of 9, is hereby incorporated into this contract and shall be inserted in Section B.
  - o The attached Section J.8, pages 2-4, CLIN 7 values, is hereby incorporated into this contract and shall be inserted in Section J.8.
  - o The attached Section J.1, Statement of Work, paragraphs 4.2.5, 4.2.6 and 4.2.7 (pages 66-78.2) are hereby incorporated into the contract.
  - o The attached replacement pages for Section J.6, Indefinite Delivery/Indefinite Quantity (IDIO) Pricing Schedules, (b) CLIN 0004 for Government Fiscal Years 07 and 08 are hereby incorporated into the contract.
-

d. FUNDING/CONTRACT VALUE:

- o Funding for CLIN 7 is increased by
- o Total increase in funding is
- o Contract Value for CLIN 2 increased by
- o Contract Value for CLIN 4 increased by
- o Contract Value for CLIN 7 increased by

End of Modification 86

PART 1 - THE SCHEDULE

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 COST-PLUS AWARD FEE/FIXED PRICED INDEFINITE  
DELIVERY/INDEFINITE QUANTITY

The contractor shall provide Kennedy Integrated Communication Services (KICS) in accordance with Attachment J-1, Performance Work Statement under a cost-plus award fee/cost plus fixed fee, fixed price indefinite delivery/indefinite quantity type arrangement. The estimated cost and award fee is set forth in Table B-1B below.

Table B-1A	Estimated Cost and Fee			
CLIN	Description	Estimated Cost	Award Fee	Total Cost Plus Award Fee
2	Basic Requirements (Cost Reimbursable)  1/1/04 - 9/30/08 in accordance with Performance Work Statement Section J-1			

Table B-1B	Breakdown of Basic Period Cost and Fee			
Contract Line Item No. (CLIN)	Description	Estimated Cost	Award Fee	Total Cost Plus Award Fee Total
2	Basic Requirements			
	1/1/04 - 9/30/04			
	10/1/04 - 9/30/05			
	10/1/05 - 9/30/06			
	10/1/06 - 9/30/07			
	10/1/07 - 9/30/08			

TOTALS

### B.3 AWARD FEE

The amount of fee earned by the contractor under CLIN 0002 shall be determined in accordance with Attachment J.4, Award Fee Evaluation Plan. The amount of available and earned fee, by evaluation period, is provided in Table B-3 below:

Table B-3	Available and Earned Fee					
CLIN 0002	Evaluation Periods	Available Fee	Earned Fee	Score	Rating	Fee Mod No.
1	1/1/04 - 3/31/04				Excellent	6, 8
2	4/1/04 - 9/30/04				Very Good	26, 33, 47, 83
3	10/1/04 - 3/31/05				Excellent	48
4	4/1/05 - 9/30/05				Excellent	64
5	10/1/05 - 3/31/06				Excellent	73
6	4/1/06 - 9/30/06				Excellent	85
7	10/1/06 - 3/31/07					
8	4/1/07 - 9/30/07					
9	10/1/07 - 3/31/08					
10	4/1/08 - 9/30/08					

### B.4 NFS 1852.232-81 CONTRACT FUNDING (JUN 1999)

For purposes of payment of cost, and fees in accordance with the Limitation of Funds or Limitation of Costs clause as applicable, the total amounts allotted by the Government to this contract and the period of performance through which it is estimated these funds will cover are specified in Table B-4. Also included in this table is the total amount obligated under this contract for payment of fee. These allotments are applicable to the basic KICS services provided in CLIN 0002 and are considered adequate to reimburse the contractor's performance through the dates shown in the table.

Table B.4 Contact Funding - cont

ASOF MOD #	CLIN 2 COST	CLIN 2 FEE	CLIN 3	CLIN 4	CLIN 7	TOTAL OBLIGATED AMOUNT
Total Prev Page						
61						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
Subtotal this page						
TOTAL						
Adequate Through						

Table B-4A Summary BASIC Period (FY2004-  
FY2008)

Phase In Period 1 <sup>st</sup> Quarter of FY04	CLIN 0001
Basic Requirements (Cost Reimbursable)	CLIN 0002
Maximum Available Award Fee	CLIN 0002
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0003
Administrative Telephones	CLIN 0004
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0007
Total Estimated Contract Value	

\* amounts include overrun adjustment (Mod 74).

#### B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

##### (a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

##### (b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retroactively or prospectively, and such revision shall be set forth in a modification to this contract.



Table J-8B CLIN 7 Values

Task Order #	Modification Numbers	Title	Cost	Fixed Fee	Total Value	Total Obligated Amount
1026	32, 81	O&C Mission Briefing Room Wireless Network Installation				
1027	45, 60, 81, 87, 72, 77, 86	Ground Camera Ascent Imagery Project (GCAIP)				
1028	35	ATXS Expansion for INCS, HGDS & Pad Electrical				
1029	35, 82	ATXS Control Data Acquisition System (CDAS) for Pad B				
1030	80	ET-Camera Project: Install Dishes at the Press Site				
1031	35	ISS Payload Checkout Data Transport KSC to MSFC				
1032	35, 82	MOSB Addition Activation				
1033	35, 82	ESS-AC Video and Network Support				
1034	35, 82	O&C Rooms 1166 Through 1179 Network Upgrade				
1035	35, 80	SSPF Communications Rm 3051, Additional Network Upgrades				
1036	39	ESS-Net over ATXS to Pad A and B Logistics Facilities				
1038	39, 761	Copper Outside Plant Installation at Isbras (Support MSLS Sites)				
1039	41	K-9 Kennel Activation				
1040	41	CIMS/CAPPS Network Move to SSPF				
1041	41, 81	ATXS Support of Ground Measurement System (GMS2)				
1042	41, 77	ISF Lead Cable Replacement, LC89 Cross Connects At Pad A				
1043	60, 80	SSPF Boeing Phase 1, 4 and 5 Wireless Network Installation				
1044	41, 81	Operations Support Building II (K6-1249) Network Activation				
1045	41	Kennedy Complex Control System Technology Updates-TPSF Activation				
1048	43, 74, 82	Operations Support Building II (K6-1249) Activation (excluding networks)				
1037	45	Press Site Wireless LAN				
1050	45, 81	ATXS for CDAS for PAD A				
1046	45, 68, 74	Radio Comm Hardening for EOC				
1047	45, 81	SR3 Boundary to South Repeater Fiber Circuits				
1049	49, 80	HQ Building Shuttle Wireless Network Installation				
1051	51, 81	HQ Building Shuttle Wireless Network Installation				
1052	51, 81	HQ Training Certificate of Occupancy Comm Activation				
1053	54, 81	O & C WLAN 1st & 3rd Floors West				
1054	54, 81	Fuel Service Area 1 (FSA1) Building Temporary Video Solution (ESS)				
1055	54, 81	NDRS-KICS Data Warehouse				
1056	54, 63, 81	HQ 2400 and 3200 Wing Network Upgrades				
1057	55	ATC/T Completion				
1058	60, 82	NISN Gateway Relocation				
1059	55, 81	O&C 4269 Conference Room Network Upgrade & Wireless Network				
1060	55, 81	VAB Wireless Network Installation				
1061	58, 69, 72, 81	CCAFS Backbone & Hanger AE Infrastructure Upgrade				
1062	55, 81	Media Center Activation				
1063	55, 56, 81	O&C BDCF Lab Network Upgrade & Wireless Network				
SUBTOTAL						

Table J-BB CLIN 7 Values - continued

Task Order #	Modification Numbers	Title	Cost	Fixed Fee	Total Value	Total Obligated Amount
1052.1	55	HQ Training Enhancements Comm Activation				
1054	56, 70	LC-39 OTV Survivability - Camera Control System Replacement System				
1066	56	Network Service Access Point				
1067	56, 70	Pad A to Pad B Fiber				
1068	61, 65	SIDS				
1069	61, 65, 82	Support for Issue Management Tool (Razor)				
1070	61, 65, 77	Storage Facility Activation				
1071	61, 71, 74, 79, 81	LSP Transmission Upgrade				
1065	63, 75, 77, 79	Network Support for OSB Carpet Replacement				
1072	66, 71, 74, 85, 86	Trailer TR8-0100 Replacement Comm Activation				
1073	65, 71, 74, 82	Trailer TR8-0102 Replacement Comm Activation				
1074	65, 71, 74, 82	Trailer TRM-0023 Replacement Comm Activation				
1076	65, 75	Trailer THM-0050 Replacement Comm Activation				
1076	66, 71, 74, 75, 81, 82	ATCOT Media Center Project, Rev 1				
1077	66, 68, 81	Comm Support for the Radar Control Building (MCR)				
1079	67, 71, 77, 79	SSPF High Bay Wireless Network				
1080	67, 71, 81	SSPF Phase 2 & Mezzanine Wireless Network Installation				
1082	67, 71	Pluto Comm Support				
1081	68, 75	Hq Network Upgrade				
1078	68, 71, 72, 82	Trailer TH1-0597 Replacement Comm Activation				
1084	68, 74, 81	Dedicated HUMS Network				
1086	69, 76	ESS-AOMEL CCTV and PCU Communications Implementation Spt				
1083	70, 75, 79	Air Core Cable Install BRRS-CD&SC				
1085	70, 74, 82	ATXS Edge Switch Upgrade				
1087	71, 77, 79, 80	Engr Design to Replace Air Core Cable				
1088	70, 74, 79, 81, 82	Install Fiber from Pad A to Wilson's Corner				
1089	70, 70, 82	ATM & SONET Upgrade				
1090	70	Air Core Offload for CD&SC to CIF, HQ and O&C				
1091	70, 70, 82, 86	Pad A Crayvenway Distribution to GXT 8 Copper Cable Installation				
1092	70, 71, 74, 82	Shuttle Flight Termination System (FTS) Compatible Radio Comm Sys				
1093	70, 74, 86	Operational Television (OTV) Survivability - Camera Control Sys Replacmt				
1094	72, 76, 82	SEB II Building Activation Project				
1095	72, 74, 82	O&C 4th & 5th Floor Comm Repair Project				
1096	72	SSPF Communications Room 2242 Network Upgrades				
1097	71, 79, 82, 89	LSE PCO Upgrade and CORAS Implementation				
1098	71, 82, 86	LSP Wideband Upgrade				
1099	72, 77, 82	MFPQF Facility Activation Project				
Subtotal This Page :						SUBTOTAL :

**Table J-BB CLIN 7 Values - continued**

[illegible]

distribution coaxial cables, 107+ Main Distribution Frame cross connects, 1700+ Telephone Terminal Cabinet cross connects, 550+ Manholes, Handholes and associated conduit systems, 42+ Cathode Protection Rectifiers, 22+ Air Dryers, Main Distribution Frame (MDF) to MDF through the Communications Manhole System, Intermediate Distribution Frames, Launch Complex (LC)-39 pad and systems cables, Launch Control Complex (LCC) to LC-39 Vehicle Safing cables, Repeaters, Cross Connect Terminals, Telephone Terminal Cabinets, Facility cable trays (inside and outside), Main Distribution Frames, Fiber Optic Terminals, Wideband Terminals, Cable Records Management - Circuit Assignment Management System (CAMS), Facility premise wiring, Test Board, Flow Meter Panels, and Frame Lights.

UNIQUE REQUIREMENTS:

Clear Frame and safing cables

FACILITY DESCRIPTION:

All areas of KSC.

#### 4.2.5 Administrative Telephones

The performance period for this section begins December 1, 2004.

The contractor shall provide the Operation, Administration and Maintenance (OA&M) of administrative telephone system in support of all KSC residents. There are approximately 17,500 instruments and/or ports in approximately 275 buildings associated with this service agreement.

The contractor shall provide end-to-end support for adds, moves and changes. A move is defined as de-installation, move and re-installation of system hardware requiring a physical dispatch of a technician or analyst. A virtual move is one that does not require a physical dispatch of a technician or analyst. The service provided and work performed shall be in accordance with Industry (BellCore) standards.

The switch infrastructure and local and long distance trunking will be provided by the government. The contractor shall monitor traffic usage on these trunk groups and notify the government when usage approaches levels of service degradation (P 0.01).

The contractor shall provide operator services processing international calls, collect calls, conference calls, other operator-assisted calls, maintain current directory assistance information, and log information on billable calls. The operators shall provide incoming callers with answers to routine questions not requiring Public Affairs intervention.

The contractor shall employ telephone engineering and operations personnel, adequate to support existing and future requirements, who are proficient in Voice over IP (VoIP) technology, including but not limited to, VoIP phones, associated call managers and gateway systems.

The VoIP systems interface to the KSC Institutional Network and the legacy KSC Administrative Telephone System. The contractor shall support these interfaces and provide all required programming to facilitate connectivity.

The contractor shall operate and maintain the SecureLogix system. The contractor shall review the logs and make recommendations to identified NASA telecommunications personnel and implement changes and rule based policies as directed.

The contractor shall provide current telephone data to support the KSC E911 center on a weekly basis. This data shall include the building, room, occupant/assignee, organization and mail code, and directory number/s for all active ports on KSC. This data, sorted by seat type, shall also be supplied to the COTR on a monthly basis. The contractor shall maintain the E911 switch and it's interfaces with the KSC and CCAFS phone systems.

The contractor shall provide information as requested in support of security, Office of Inspector General (OIG) or managerial investigations. This information may be required on short notice. The contractor shall supply Telephone Call Detail reports as defined in DRD-T-3.

The contractor shall provide a Help Desk for customers to report troubles, obtain information on instrument/system operations, and status on open work.

The contractor shall provide user training to assure customers receive adequate operating information on their type of instrument. The contractor shall supply operating guides which will walk users through routine operations for their instrument type, including frequently asked questions.

KSC also has a Siemens HiPath 4000 switching system located in the Launch Control Center (LCC). The HiPath switching system is unique in that it is considered a Private Branch Exchange and stands alone (has its own operating system and provides its own dial tone) from the existing class 5 Siemens EWSD switch that provides dial tone to the rest of the KSC campus.

#### 4.2.5.1 Phone Seat Description

Each Phone Seat will provide the service required to ensure an appropriate phone instrument and complete phone system is available as specified. This includes

instruments, infrastructure, and other required services to provide telephone related connectivity within, and external to, the Center. Also included in this service is the maintenance and administration of the telephone infrastructure; basic services (operational configuration, engineering and maintenance of analog and digital telephone switching system); moves adds, changes; corrective/preventative maintenance of telephone instruments and drops.

#### 4.2.5.1.1 PH1 Phone Description

Functionality: Provides full phone services for a standard hallway or lab phone.

Standard Services:

Service Type	Service Level	Typical Service Characteristic
Instrument	Single	Single line phone
Line Type	Analog	Analog line
Voice Mail	None	No voice mail
Feature Set	Standard	Call forwarding, transfer, forward, camp, etc.
Moves/Adds/Changes	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

#### 4.2.5.1.2 PH2 Phone Description

Functionality: Provides full phone services for a standard desktop or lab phone with voicemail. (Nortel 9316CW or equivalent and compatible)

Standard Services:

Service Type	Service Level	Typical Service Characteristic
Instrument	Single	Single line phone with display
Line Type	Analog	Analog line
Voice Mail	Standard	Voice mail
Feature Set	Standard	Call forwarding, transfer, forward, camp, etc.
Moves/Adds/Changes	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

#### 4.2.5.1.3 PH3 Phone Description

Functionality: Provides enhanced feature set phone service intended for use in a branch or division office setting (e.g., secretary phone). (Optiset 1200 or equivalent and compatible)

Standard Services:

<u>Service Type</u>	<u>Service Level</u>	<u>Typical Service Characteristic</u>
Instrument	Multi-12	12 line phone with display
Line Type	Digital	Digital ISDN line
Voice Mail	Standard	Voice mail
Feature Set	Enhanced	Standard plus additional features
Moves/Adds/Changes	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

#### 4.2.5.1.4 RESERVED

#### 4.2.5.1.5 PH5 Phone Description

Functionality: Provides full VoIP phone services for a standard desktop or lab phone with voicemail.

Standard Services:

<u>Service Type</u>	<u>Service Level</u>	<u>Typical Service Characteristic</u>
Instrument	Single	Single line phone
Line Type	VoIP	10/100 Ethernet
Voice Mail	Standard	Voice mail
Feature Set	Standard	Call forwarding, transfer, forward, camp, etc.
Moves/Adds/Changes	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

#### 4.2.5.1.6 PH6 Phone Description

Functionality: Provides enhanced feature set VoIP phone service intended for use in a branch or division office setting (e.g., secretary phone).

Standard Services:

<u>Service Type</u>	<u>Service Level</u>	<u>Typical Service Characteristic</u>
Instrument	Multi-12	12 line phone with display
Line Type	VoIP	10/100 Ethernet
Voice Mail	Standard	Voice mail
Feature Set	Enhanced	Standard plus additional features
Moves/Adds/Changes	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

#### 4.2.5.1.7 PRI Service Description

Functionality: Provides new or additional Primary Rate Interface (PRI) service to devices. (Example: New Video Conferencing Unit)

Standard Services:

<u>Service Type</u>	<u>Service Level</u>	<u>Typical Service Characteristic</u>
Instrument	None	N/A
Trunk Type	Digital	23B + D
Voice Mail	None	None
Feature Set	Enhanced	Enhanced PRI Features
Moves/Adds/Changes	Regular	Moves/adds/changes completed within 5 work days, no field visit 8 hours
Restore to Service	Critical	Restore to service within 2 contiguous hours

#### 4.2.5.1.8 PH7 Phone Description

Functionality: Provides full HiPath phone service intended for standard desktop, consol or lab phone with voicemail for the phones connected to the Siemens HiPath 4000 switching system located in the Launch Control Center (LCC).

Standard Services:

<u>Service Type</u>	<u>Service Level</u>	<u>Typical Service Characteristic</u>
Instrument	Multiline	8 line phone
Line Type	Digital	Digital Line
Voice Mail	Standard	Voice mail
Feature Set	Enhanced	Standard plus additional features
Moves/Adds/Change	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day



#### 4.2.5.1.9 Voice Mail/Records (Voice Mail Box Only Seat) VM/R Service Description

Functionality: Provides the ability to own a Voice Mail Box or have records without the use of a physical line. The seat does not require an instrument or port, only a DN assignment and a mail box. This is referred to as a Pseudo line as it does not have any physical characteristics; it is created and maintained by the EWSD switch software. If a Voice Mail Box is not required, it will be referred to as a "records only line".

Service Type	Service Level	Typical Service Characteristic
Instrument	N/A	
Line Type	N/A	
Voice Mail	Standard	Voice mail
Feature Set	N/A	
Moves/Adds/Change	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

#### 4.2.5.2 Phone Service

Service Description: Provides the service to ensure an appropriate phone instrument and complete phone system is available to the specified Phone Type. This includes instruments, infrastructure, and other required services to provide telephone related connectivity within, and external to, the Center. Also included in this service is the maintenance and administration of the telephone infrastructure; basic services (operational configuration, engineering and maintenance of analog and digital telephone switching system); moves, adds, changes; user training; help desk; corrective and preventative maintenance of telephone drops.

##### 4.2.5.2.1 Instrument

Service Description: Provides for the phone instrument type.

Service Levels	Typical Service Characteristic
Single	Single line phone instrument
Dual	Dual line phone instrument
Multi-12	12 line phone instrument
Multi-24	24 line phone instrument
No Instrument	Seat with no instrument or instrument is provided and maintained by the Government.

#### 4.2.5.2.2 Line Type

Service Description: Provides for the desired line type.

Service Levels	Typical Service Characteristic
Analog	Analog line
Digital	Digital line
VoIP	10/100 Ethernet port

#### 4.2.5.2.3 Voice Mail

Service Description: Provides the services required for a voice mail system with the following capabilities: recorded announcements, audio and visual indicators of messages awaiting retrieval, forwarding capability, broadcast (voice mail lists), 15 minutes of storage, auto dial voice mail caller, auto reply (send message back to voice mail caller), create, delete, retrieval of messages from any DTMF phone (internal or external to Center). Retrieval of messages external to the Center shall be accessible via a toll-free number provided by the government.

Service Levels	Typical Service Characteristic
None	No voice mail
Standard	Voice mail with above capabilities
Enhanced	Voice mail with 30 minutes of storage

#### 4.2.5.2.4 Feature Set

Service Description: Provides for a standard set of features to be provided with the phone set

Service Levels	Typical Service Characteristic
Standard	Call forwarding, transfer, forward, intra-Center conferencing, camp, redial, hold, call park, caller ID, call waiting, message waiting
Speaker	Standard features plus speaker phone
Enhanced	Standard features plus speaker phone, call pickup/hunt group, speed call, auto dial, caller ID, call waiting, message waiting

#### 4.2.5.2.5 Moves/Adds/Changes

Service Description: Provides for a standard set of moves/adds/changes on one work order to be provided with the phone seat

Service Levels	Typical Service Characteristic
Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Enhanced	<= 5 moves/adds/changes completed within 1 work day, no field visit 4 hours

#### 4.2.5.2.6 Restore to Service

Service Description: Provides standard maintenance services including: System diagnostics and troubleshooting; System and component maintenance; Configuration changes, tracking, and documentation. The COTR will have the right to re-prioritize the restore to service requests on a real time basis up to 1% of the total seats per month to accommodate KSC senior level staff.

Service Levels	Typical Service Characteristic
Regular	Restore to service by close of next business day
Critical	Restore to service within 2 contiguous hours

#### 4.2.5.2.7 Temporary Suspended Service

Service Description: Provides minimal level of service (suspended service). The number and all cross connects will not be removed; however the instrument will be removed. When service is restored to normal operation an instrument will be provided. If an instrument is placed on the line during temporary suspended service, it will be capable of dialing 911.

Service Constraints: The Government may request the Temporary Suspended Service rate up to a maximum of 12 months. The rate will return to the full rate after the suspended period ends unless the Government notifies InDyne within 30 days of the end date to extend the Temporary Suspended Service period. The service will remain suspended until the Government notifies InDyne to resume designated service. If the service is suspended for less than 30 days, the charges are not reduced. There will be no additional charges to perform the suspended service or resume designated service. The maximum number of phone seats with Temporary Suspended Service can not exceed 5% of the total of all seats at any given time. The service will be offered for PH1, PH2, PH3, PH5, PH6 and PH7 categories.

ADDRESS/LOCATION: All areas of KSC

SUPPORT REQUIREMENT: 8 hours X 5 days/week, off hour call-in, Operator service 6:00 am to 6:00pm, Additional support as required by schedule

FUNCTIONAL DESCRIPTION:

The Administrative Phone System is a Siemens EWSD Class 5 Central Office Host Switch (located in M6 138 (CD&SC) Room 128) with Remotes located in the major KSC facilities. The switch has all of the features and functionality of a Class 5 CO including CLASS, SS7 and ISDN. The system has an integrated voice mail system, a conference bridge, a SecureLogix Telephone Firewall and a Multi Port Conferencing Unit for ISDN Video. The system integrates with an E-911 switch (O&M included in this contract) to provide PSAP (Public Safety Answering Point) services to KSC. The switch provides connectivity to outside KSC through PRI trunking to the local calling area and between NASA Centers and long distance through FTS (Federal Technology Service-GSA). The phone system provides point-to-point links to and from launch critical operations. The majority of KSC phones are single line display type phones with Caller ID speakerphone, voice mail and CLASS features. The next largest users have ISDN multi-line speakerphones with display. There are several PRI (Primary Rate Interface) spans servicing video, RAID and other data requirements.

UNIQUE REQUIREMENTS: None

FACILITY DESCRIPTION: Throughout KSC

#### 4.2.6 Institutional Computer Networks

The contractor shall provide the design, installation, operations, maintenance and sustaining engineering for the Kennedy Space Center institutional computer Network (KNET). Contractor shall meet customer data delivery requirements for institutional functions at KSC and the NASA occupied facilities at the CCAFS. Institutional requirements include data necessary for day-to-day business (for example email, internet, work control) and process sensitive elements in support of KSC missions and programs. Institutional network KNET delivers data to-and-from desktops, Local Area Network (LAN), Metro Area Network (MAN) and Wide Area Network (WAN). The contractor shall include end-to-end configuration and validation of KNET system equipment and related software.

The contractor shall provide network services per government approved standards and protocols in accordance with NASA Chief Information Officer (CIO) Executive Notices, policies, directives, procedures, guidelines and associated Security standards, including but not limited to, NPG 2810. The contractor shall follow KSC Institutional Network

Connectivity Procedure (KDP-KSC-P1444) to provide a consistent customer request process for acquiring network connectivity while ensuring that mandated security requirements for personnel and equipment are satisfied.

The contractor shall install, operate, and maintain network hardware and software in support of administrative and general-purpose computing systems utilizing, but not limited to: Routers, Hubs, Switches, Network Repeaters, Wireless Access Points and DSL LAN extenders. The contractor shall operate and maintain a complete network management system including in-band primary and backup network operations centers and the out-of-band network management system. Contractor shall maintain and upgraded network systems to meet changing industry standards.

The contractor shall provide operations, maintenance and sustaining engineering of network management support infrastructure including but not limited to: Domain Name Servers (DNS), Dynamic Host Configuration Protocol (DHCP) servers, Policy Based Routing (PBR), Virtual Local Area Networks (V-LANs), network time servers, network operations database servers, network operations web servers, network security services Remote Access Services including Virtual Private Network (VPN)) servers, authentication services Secure Socket Layer based Proxy Gateways and Plain Old Telephone System (POTS), Integrated Services Data Network (ISDN) Dial-up based services, Call Managers and Voice over IP (VoIP).

The contractor shall maintain a database of all IP addresses assigned to KSC and NASA assigned facilities at CCAFS. Database shall include a minimum set of information for each customer including, but not limited to: IP address, customer name, building number, room number, Customer Face Plate (CFP) number; hardware or machine address, operating system, switch and port number. Contractor shall provide online database access to NASA networks personnel and IT managers as required.

The contractor shall continue to upgrade and improve performance for data transmissions to-from MAN and LAN (delivery to customers). The contractor shall provide engineering and sustaining engineering to include, but not limited to, obsolescence replacement and uniform data standard level improvement (i.e. 100 Mbps desktop and 1000 Mbps Ethernet Backbone) to provide customers with ubiquitous data network infrastructure support that improves service levels across KSC and NASA occupied facilities in the CCAFS area.

ADDRESS/LOCATION: All areas of KSC

SUPPORT REQUIREMENT: 16 hours X 5 days/week, Additional support as required by schedule or Mission support

FUNCTIONAL DESCRIPTION:

KNET provides approximately 13,000 network connections. It is estimated that this number will increase to approximately 15,000 over the next 3 to 5 years. KNET currently supports IP based protocols and is controlled using over (30) Routers, (600) Switches and Hubs to provide networking to over 240 buildings and trailers throughout KSC and NASA assigned CCAFS facilities.

The current network consists of 10/100/1000 Mbps Ethernet and associated cable for data transmission to desktop and servers (i.e. email, web, X.500, streaming audio/video, etc.). KNET is built upon and utilizes cabling and capabilities discussed in section 4.2.5 Cable Plant. KNET sustaining engineering efforts include upgrading obsolete 10base2 Ethernet connections with 10/100 Mbps switched Ethernet and Category 5e premises wiring. Several remote locations within KSC, where fiber optic cable is not available, are served by Digital Subscriber Line (DSL) equipment at lower speeds.

KNET uses PBR and VLANs to provide three segmented/logically isolated networks referred to as Private, Public, Open network (three islands) across KSC and NASA occupied facilities at CCAFS. KNET interconnects between its geographically dispersed facilities with its Kennedy Metropolitan Area Network (KMAN) a redundant, primary and secondary, 100/1000 Mbps Ethernet switched backbone.

KNET provides: Domain Name Servers (DNS), Dynamic Host Configuration Protocol (DHCP) servers, Policy Based Routing (PBR), Virtual Local Area Networks (V-LANs), network time servers, network operations database servers, network operations web servers, network security services remote access services including Virtual Private Network (VPN) servers, authentication services Secure Socket Layer based Proxy Gateways, POTS and ISDN Dial-up based services, Call Managers and Voice over IP (VoIP).

KNET's Network Control Center (NCC) operates from a primary location at the Central Instrumentation Facility (CIF) and a backup location at the Operations and Checkout (O&C). Network system management uses software and protocols including but not limited to: HP Openview network management software, 3COM Transcend, Cisco Works and Simple Network Management Protocol (SNMP) to remotely manage and administer network systems. KNET uses premises wiring typically consisting of a minimum of one Customer Faceplate Plate per 100 square feet of area each delivering 3 data Category 5e and one fiber optic multimode cable (future use).

UNIQUE REQUIREMENTS:           None

FACILITY DESCRIPTION:           Throughout KSC and CCAFS NASA assigned facilities.

#### 4.2.7 Network IT Security

The contractor shall perform IT Security activities in areas of security scans, incident response, system and log monitoring, security patches and updates, and reporting. The contractor shall support NASA IT Security personnel performing IT Security functions.

The contractor shall provide technical/engineering support to the Agency Network Security Perimeter Configuration Control Board (NSP-CCB) and the Center Network Control Board (NCB).

The contractor shall provide and maintain all required IT Security plans related to the KICS supported communications systems and/or services, per the agency designated formats and guidelines.

The contractor shall meet all approved standards and protocols in accordance with NASA Chief Information Officer (CIO) Executive Notices, policies, procedures and guidelines in addition to those designated specifically by the Kennedy Space Center Office of the CIO and the KSC/NASA communications infrastructure management. The contractor shall meet all approved standards and protocols in accordance with the NASA Procedures and Guidelines, NPG 2810.1, Security of Information Technology.

The contractor shall provide support to the government for operational services for the center network based information technology (IT) security protections and monitoring/measurement capabilities. The contractor shall provide the first line of network based monitoring and defense of IT resources, as well as provide a common shared IT Security operations capability to support the IT system environments that utilize the center networks as their primary communications transport service.

The contractor shall support the operations, maintenance, system administration, user support, and sustaining engineering of the following: the principal KSC network authentication systems, the KSC strong authentication system, the KSC IT Security/Network documentation databases, the KSC network perimeter access control systems, the KSC and Agency defined intrusion detection/monitoring systems, and all KICS managed systems related to the storage, tracking and auditing of all required Network/IT Security configuration/review/approval documentation processes and data.

The contractor shall implement government approved system rule set/configuration modifications to the network perimeter protection systems, including modifications to the firewall rule sets, editing of router based Access Control Lists (ACLs), and keep an accurate record log of all changes made to the system. The contractor shall retain

electronic archival copies of the firewall traffic logs, firewall rule sets and related router/switch configurations.

The contractor shall actively review and validate the logs of management access to the network service delivery infrastructure to verify that only authorized individuals are connecting to these systems. The contractor shall assure that any modifications to the configurations of these devices are performed in accordance with government documented practices. The contractor shall review the log daily and report any unauthorized attempts to access this equipment to the IT Security management personnel for further investigation and resolution.

The contractor shall provide all relevant firewall traffic logs, intrusion detection activity reports, monitoring system data, network authentication system activity logs, strong authentication account activity data, and/or any available network data required to support an IT Security forensics investigation. The contractor shall provide engineering analysis support to aid in the interpretation of all activity log data provided.

The contractor shall maintain a comprehensive IT Security/Network documentation database containing all of the required data fields. The contractor shall ensure that the documentation data stored in this system has been verified to be accurate not less frequently than quarterly by means of the use of automated Scan tools where possible, and by monthly auditing of a randomly selected but statistically significant subset of the entries in the database for closer inspection and validation.

The contractor shall monitor all network traffic crossing the designated center ingress/egress points, as well as the instrumented internal backbone locations using the government defined and provided intrusion detection/monitoring systems. The contractor shall initiate incident response procedures by providing notification to the designated IT Security personnel when confirmation of suspicious network traffic/protocol behavior is detected.

The contractor shall report any observed suspicious network protocol/traffic behavior for further investigation and/or the initiation of IT Security incident response actions. This will be accomplished using both the designated intrusion detection and monitoring systems, as well as any other contractor supported systems.

The contractor shall support the design, configuration, operation and data reporting of special purpose/function IT Security sensors/systems. These systems are used to detect specific events or to identify and quantify the presence of IT system vulnerabilities.



The contractor shall operate the Remote Authentication Dial In User Services (RADIUS) subsystems. RADIUS subsystems pass network specific authentication requests to the relevant user account/authentication /authorization systems managed by each of the respective IT organizations.

The Contractor shall issue and retrieve hardware tokens related to the KSC strong authentication system as directed by the government. The contractor shall utilize Communication Control to provide user telephone support. The contractor shall provide troubleshooting and problem isolation of functions related to the tokens and the user's system account, and maintain the relevant KSC strong authentication services system utility support subsystems.

The contractor shall perform IT vulnerability scans in accordance with government directives/instructions and at a frequency of at least quarterly, or when requested. The contractor shall provide special purpose IT Security vulnerabilities/assessment scans to identify/isolate a known IT Security vulnerability issue that requires immediate attention.

The contractor shall perform periodic auditing of the current KICS communications systems/architecture configurations with IT Security assessment results and recommendations. The contractor shall identify the corrective action to be taken and any additional resources required to minimize or eliminate the condition resulting in the weakness or problem area/process.

The contractor shall, in conjunction with the government; maintain a call down list process to notify appropriate IT Security personnel. The contractor shall initiate and perform an immediate IT Security incident response upon activation of the IT Security call down list per the instruction of the designated government personnel.

ADDRESS/LOCATION: KSC Building M6-138 (CD&SC), Building M6-39  
(PSCN), Building 360 (CIF), Building 60680 Hangar  
AE

SUPPORT REQUIREMENT: 16 hours X 5 days/week. Additional support as  
required by schedule and required support activities.  
After hour Response to Network events shall be within  
1 hour.

FUNCTIONAL DESCRIPTION:

The Network IT Security systems include the following: perimeter access control, intrusion detection/monitoring, and network authentication.

The KSC perimeter access control systems are located at the two major and one minor ingress/egress points to the Kennedy Space Center. They are comprised of COTS firewall appliances running in concert with clustering/high availability solutions and interconnected with multiple routers and switches all performing a fundamentally different function. These systems are the principal means of dividing the center network environment into the major IT security zones and the interfaces to the Wide Area Networks/Internet. These systems are comprised of isolation routers and located at KSC and CCAFS.

The KSC intrusion detection/monitoring systems are a combination of COTS and open source tools based on Agency mandated product sets, KSC standard solutions, and a variety of open source alternatives to supplement these core solutions when necessary. These systems provide distributed multi-purpose and point solutions to meet a wide spectrum of IT Security monitoring/logging requirements. They are primarily co-located at the primary center ingress/egress points with the perimeter access control systems, although a number of the sensors are distributed out to a smaller number of key network traffic transit locations internal to each security zone.

The KSC IT Security analysis capabilities are a series of systems that provide both ongoing IT Security vulnerability scanning/assessment functions to the entire center and post analysis of the data collected by the intrusion detection/monitoring systems including the network infrastructure elements (via Syslog/RADIUS/Netflow data).

The KSC IT Security /IP/ Media Access Control (MAC) address registry database and perimeter access request databases reside on several small server class systems running internally developed databases based on COTS database software. These systems are located primarily in the Network Operations Center area of the CIF building.

The KSC network authentication systems are primarily a series of redundant RADIUS and TACACS+ systems providing both a basic network authentication/account activity logging service and a pass-through authentication function to more complex authentication systems that exist in the external IT organizations at KSC. These network authentication services provide intermediate authentication to a number of the KICS supported network services such as the Secure Remote Access System (VPN), Wireless LANs (both private and open), and the center dial-in services. All of these systems utilize the same basic COTS software for possible future integration.

The KSC strong authentication system is a COTS, two Factor, Hardware Token based authentication system that provides a primary source of account authentication for portions of the network infrastructure elements, several remote network access subsystems (S-RAS and Dial-In), and a number of IT environments/systems. These systems require a higher strength authentication service than can be offered in the traditional IT environments on center. Redundant nodes of this system are adjacent to the isolation router perimeter WAN ingress/egress points and a number of the center's network infrastructure services systems (such as DNS).

UNIQUE REQUIREMENTS:           None

FACILITY DESCRIPTION:           Throughout KSC and CCAFS NASA assigned facilities.

KSC INTEGRATED COMMUNICATION SERVICES CONTRACT  
INDEFINITE DELIVERY/INDEFINITE QUANTITY  
PRICING SCHEDULE - CLIN 0004  
CATALOG OF PRODUCTS & SERVICES - ADMINISTRATIVE TELEPHONES

KSC INTEGRATED COMMUNICATION SERVICES CONTRACT  
INDEFINITE DELIVERY/INDEFINITE QUANTITY  
PRICING SCHEDULE - CLIN 0004  
CATALOG OF PRODUCTS & SERVICES - ADMINISTRATIVE TELEPHONES

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE N/A	PAGE 1 OF 3
2. AMENDMENT/MODIFICATION NO 87	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Attached Pages	5. PROJECT NO. (if applicable) N/A
6. ISSUED BY NASA, John F. Kennedy Space Center Office of Procurement Mail Code: OP-ES Attn: Janet Thodos Kennedy Space Center, FL 32899		7. ADMINISTERED BY (if other than item 6) CODE	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)  InDyne, Inc. 6862 Elm Street, Suite 700 McLean, VA 22101		9A. AMENDMENT OF SOLICITATION NO  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO X NAS10-03111 10B. DATED (SEE ITEM 13) 9/29/2003	
CODE 1LJ00	FACILITY CODE		

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods.

(a) By completing items 8 and 15, and returning N/A copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (if required)

See attached

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A	THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: NPS 1852.232-81 Contract Funding (JUN 1990)
D	OTHER Specify type of modification and authority

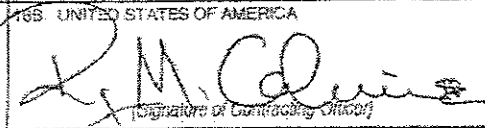
E. IMPORTANT: Contractor X is not,      is required to sign this document and return 2 copies to the issuing office.

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to do the following:

- o Add CLIN 2 incremental funding.
- o Add CLIN 4 incremental funding.
- o Add CLIN 7 incremental funding.
- o Add Contract Value for CLIN 7

See pages 2-3

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Roy M. Colvin	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 12-8-03

## 14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

## a. OBLIGATIONS/VALUE:

CLIN 2 -

PR 4200181909

CLIN 2 - Incremental funding Baseline Operations for Shuttle -

Of this amount, goes to cost and goes to fee.

PR 4200181909

CLIN 2 - Incremental funding Baseline Operations for Shuttle -Ground Camera -

Of this amount, goes to cost and es to fee.

PR 4200181909

CLIN 2 - Incremental funding Station Baseline Ops

Of this amount, goes to cost and goes to fee.

PR 4200181909

CLIN 2 - Incremental funding G&amp;A WBS 3.8 Photo Baseline Ops

Of this amount, goes to cost and goes to fee.

PR 4200181909

CLIN 2 - Incremental funding Shuttle Launch &amp; Landing Transition and Ret. Special Project

Of this amount, goes to cost and es to fee.

PR 4200182155

CLIN 2 - Incremental funding MILA DVTS Comm Support

Of this amount, is to cost and es to fee.

PR 4200181909

CLIN 2 - Incremental funding STEREO PLDC

Of this amount, es to cost and es to fee.

- CLIN 2 total funding increase (Cost):
- CLIN 2 total funding increase (Fee) :
- CLIN 2 total funding increase:

CLIN 4-

PR 4200181909

CLIN 4-Incremental funding -Phone Support Services-

- CLIN 4 total funding increase :

CLIN 7-PR4200181909

CLIN 7 - Incremental Funding Task Order 1086-ESS-AS/MEI CCTV and PCU Comm.

Task Order is incrementally funded - good through date is 31 December 2006.

PR4200181909

CLIN 7 - Incremental Funding Task Order 1093-Operational Television (OTV) Survivability and Rev 1-Camera-

Task Order is incrementally funded - good through date is 15 February 2007.

Contract Value Increase:

PR4200181909

CLIN 7 – Incremental Funding Task Order 1105-KSC MEDCOMM Upgrade-  
Task Order is incrementally funded – good through date is 12 January 2007.

PR4200181909

CLIN 7 – Incremental Funding Task Order 1108-ATXS Expansion for KCCS  
Task Order is incrementally funded – good through date is 31 December 2006

PR4200181909

CLIN 7 – Incremental Funding Task Order 1121-Fire Station II Comm Activation  
Task Order is incrementally funded – good through date is 31 December 2006

- CLIN 7 total funding increase :
- CLIN 7 total contract value increase :

**b. INCORPORATE INTO THE CONTRACT:**

- The attached Section B, pages 6 and 7 are hereby incorporated into this contract and shall be inserted in Section B.
- The attached Section J.8, pages 3-4, CLIN 7 values, are hereby incorporated into this contract and shall be inserted in Section J.8.

**c. FUNDING:**

- Funding for CLIN 2 cost is increased by
- Funding for CLIN 2 fee is increased by
- Funding for CLIN 4 is increased by
- Funding for CLIN 7 is increased by
- CLIN 7 total contract value increase :
- Total increase in funding is

**End of Modification 87**

Table B.4 Contract Funding - cont.

AS OF MOD #	CLIN 2 COST	CLIN 2 FEE	CLIN 3	CLIN 4	CLIN 7	TOTAL OBLIGATED AMOUNT
<b>Total Prev Page</b>						
61						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
<b>Subtotal this page</b>						
<b>TOTAL</b>						
<b>Adequate Through</b>						



Table B-4A Summary BASIC Period (FY2004-FY2008)	
Phase In Period 1 <sup>st</sup> Quarter of FY04	CLIN 0001
Basic Requirements (Cost Reimbursable)	CLIN 0002
Maximum Available Award Fee	CLIN 0002
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0003
Administrative Telephones	CLIN 0004
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0007
Total Estimated Contract Value	

#### B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

##### (a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

##### (b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retroactively or prospectively, and such revision shall be set forth in a modification to this contract.

Table J-8B CLIN 7 Values - continued

Task Order #	Modification Numbers	Title	Cost	Fixed Fee	Total Value	Total Obligated Amount
1052-1	55	HQ Training Enhancement Comm Activation				
1064	56, 70	LC-39 OTV Survivability - Camera Control System Replacement System				
1066	58	Network Service Access Point				
1067	56, 70	Pad A to Pad B Fiber				
1068	61, 65	SIDS				
1069	61, 65, 82	Support for Issue Management Tool (Razor)				
1070	61, 65, 77	Storage Facility Activation				
1071	61, 71, 74, 79, 81	LSP Transmission Upgrade				
1065	63, 75, 77, 79	Network Support for OSB Carpet Replacement				
1072	65, 71, 74, 82, 86	Trailer TR6-0100 Replacement Comm Activation				
1073	65, 71, 74, 82	Trailer TR6-0102 Replacement Comm Activation				
1074	65, 71, 74, 82	Trailer TRM-0023 Replacement Comm Activation				
1075	65, 75	Trailer TRM-0050 Replacement Comm Activation				
1076	65, 71, 74, 75, 81, 82	ATCT Media Center Project, Rev 1				
1077	66, 68, 81	Comm Support for the Radar Control Building (MCR)				
1079	67, 71, 77, 79	SSPF High Bay Wireless Network				
1080	67, 71, 81	SSPF Phase 2 & Mezzanine Wireless Network Installation				
1082	67, 71	Pluto Comm Support				
1081	68, 75	Hq Network Upgrade				
1078	68, 71, 72, 82	Trailer TR1-0597 Replacement Comm Activation				
1084	68, 74, 81	Dedicated HUMS Network				
1086	69, 75, 87	ESS-AC/MEI CCTV and PCU Communications Implementation Spl				
1083	70, 75, 79	Air Core Cable Install BRRS-CD&SC				
1085	70, 74, 82	ATXS Edge Switch Upgrade				
1087	71, 77, 79, 80	Engr Design to Replace Air Core Cable				
1088	70, 74, 79, 81, 82	Install Fiber from Pad A to Wilson's Corner				
1089	70, 76, 82	ATM & SONET Upgrade				
1090	70	Air Core Offload for CD&SC to CIF, HQ and O&C				
1091	70, 79, 82, 86	Pad A Crawlerway Distribution to CXT 8 Copper Cable Installation				
1092	70, 71, 74, 82	Shuttle Flight Termination System (FTS) Compatible Radio Comm Sys				
1093	70, 74, 86, 87	Operational Television (OTV) Survivability - Camera Control Sys Replacmt				
1094	72, 75, 82	SEB II Building Activation Project				
1095	72, 74, 82	O&C 4th & 5th Floor Comm Repair Project				
1096	72	SSPF Communications Room 2242 Network Upgrades				
1097	71, 79, 82, 86	LSE PCO Upgrade and CORRS Implementation				
1098	71, 82, 86	LSP Wideband Upgrade				
1099	72, 77, 82	MFPGF Facility Activation Project				
Subtotal This Page :						
SUBTOTAL :						

Table J-3B CLIN 7 Values - continued

[illegible]

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE N/A	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 88	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Attached Pages	5. PROJECT NO. (if applicable) N/A	
5. ISSUED BY NASA, John F. Kennedy Space Center Office of Procurement Mail Code: OP-ES Attn: Janet Thodos Kennedy Space Center, FL 32899		7. ADMINISTERED BY (if other than Item 5) CODE	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)  InDyne, Inc. 6862 Elm Street, Suite 700 McLean, VA 22101			9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS10-03111 10B. DATED (SEE ITEM 13) 9/29/2003	
CODE 1LJ00		FACILITY CODE		

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing Items 6 and 15, and returning N/A copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See attached

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: NFS 1852.232-81 Contract Funding (JUN 1990)
D. OTHER Specify type of modification and authority

E. IMPORTANT: Contractor X is not,    is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to do the following:

- o Add CLIN 2 incremental funding.
- o Add CLIN 7 incremental funding.
- o Add Contract Value for CLIN 7

See pages 2-3

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Janet C. Thodos	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  Janet C. Thodos (Signature of Contracting Officer)	16C. DATE SIGNED 1/3/07

## 14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

## a. OBLIGATIONS/VALUE:

CLIN 2 -

PR 4200182618

CLIN 2 -- Incremental funding-Constellation Baseline Operations -  
Of this amount,                    es to cost and                    es to fee.

PR 4200182618

CLIN 2 -- Incremental funding-LSP Baseline Operations -  
Of this amount,                    goes to cost and                    goes to fee.

PR 4200182618

CLIN 2 -- AF Reimbursable-Incremental funding -- STP  
Of this amount,                    es to cost and                    es to fee.

PR 4200183119

CLIN 2 -- AF Reimbursable-Incremental funding -- TACSAT  
Of this amount,                    es to cost and                    es to fee.

PR 4200183119

CLIN 2 -- Incremental funding-Shuttle Launch & Landing Transition Special Project-  
Of this amount,                    es to cost and                    es to fee.

- CLIN 2 total funding increase (Cost):
- CLIN 2 total funding increase (Fee) :
- CLIN 2 total funding increase:

CLIN 7--PR4200183119CLIN 7 -- Incremental Funding Task Order 1089-ATM & SONET Upgrade -                    Task Order is incrementally  
funded -- good through date is 29 December 2006.PR4200183119CLIN 7 -- Incremental Funding Task Order 1094-SEB II Activation Rev 1                    Task Order is incrementally  
funded -- good through date is 26 January 2007.  
Contract Value Increase:PR4200183119CLIN 7 -- Incremental Funding Task Order 1097-LSE PCO Upgrade and CORRS Imp                    Task Order is  
incrementally funded -- good through date is 25 January 2007.PR4200183119CLIN 7 -- Incremental Funding Task Order 1098 --LSP Wideband Upgrade                    Task Order is  
funded -- good through date is 29 December 2006.PR4200183119CLIN 7 -- Incremental Funding Task Order 1106 --ESS-AC Network Expansion in LCC                    Task Order is  
incrementally funded -- good through date is 29 December 2006.PR4200183119CLIN 7 -- Incremental Funding Task Order 1114-CiF 1<sup>st</sup> Floor Network Upgrade -                    Task Order is  
incrementally funded -- good through date is 28 January 2007.

PR4200183119

CLIN 7 – Incremental Funding Task Order 1121-Fire Station II Comm Activation Project - Task Order is incrementally funded – good through date is 31 January 2007.  
Contract Value Increase:

PR4200182618

CLIN 7 – Incremental Funding Task Order 1124-Voice TAL Site Satellite Radio Replacement-Rev 1-Phase 2 - Task Order is incrementally funded – good through date is 25 January 2007.  
Contract Value Increase:

PR4200182844

CLIN 7 – Incremental Funding Task Order-Task Order 1125-Titusville Fiber Optic Cable Install Task Order is incrementally funded – good through date is 25 January 2007.  
Contract Value Increase:

PR4200183119

CLIN 7 – Incremental Funding Task Order 1126 –FY07 Comm Infrastructure Upgrade for Transmissions and Cable Task Order is incrementally funded – good through date is 9 March 2007.  
Contract Value Increase:

PR4200182618

CLIN 7 – Incremental Funding Task Order 1127-Shuttle ATXS Edge Switch Upgrade Task Order is incrementally funded – good through date is 22 February 2007.  
Contract Value Increase:

- CLIN 7 total funding increase :
  - CLIN 7 total contract value increase :
- 

**b. INCORPORATE INTO THE CONTRACT:**

- o The attached Section B, pages 6 and 7 are hereby incorporated into this contract and shall be inserted in Section B.
  - o The attached Section J.8, page 4, CLIN 7 values, is hereby incorporated into this contract and shall be inserted in Section J.8.
- 

**c. FUNDING:**

- o Funding for CLIN 2 cost is increased by
- o Funding for CLIN 2 fee is increased by
- o Funding for CLIN 7 is increased by
- o CLIN 7 total contract value increase :
- o Total increase in funding is

End of Modification 88

Table B.4 Contract Funding - cont.

AS OF MOD #	CLIN 2 COST	CLIN 2 FEE	CLIN 3	CLIN 4	CLIN 7	TOTAL OBLIGATED AMOUNT
<b>Total Prev Page</b>						
61						
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<b>TOTAL</b>						
<b>Adequate Through</b>						

Table B-4A Summary BASIC Period (FY2004- FY2008)	
Phase In Period 1 <sup>st</sup> Quarter of FY04	CLIN 0001
Basic Requirements (Cost Reimbursable)	CLIN 0002
Maximum Available Award Fee	CLIN 0002
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0003
Administrative Telephones	CLIN 0004
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0007
Total Estimated Contract Value	

#### B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

##### (a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

##### (b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retroactively or prospectively, and such revision shall be set forth in a modification to this contract.



Table J-8B CLIN 7 Values - continued

Task Order #	Modification Numbers	Title	Cost	Fixed Fee	Total Value	Total Obligated Amount
1052-1	65	HQ Training Enhancements Comm Activation				
1064	56, 70	LC-39 OTV Survivability - Camera Control System Replacement System				
1066	56	Network Service Access Point				
1067	56, 70	Pad A to Pad B Fiber				
1068	61, 65	SIDS				
1069	61, 65, 82	Support for Issue Management Tool (Razor)				
1070	61, 65, 77	Storage Facility Activation				
1071	61, 74, 74, 79, 81	LSP Transmission Upgrade				
1065	63, 75, 77, 79	Network Support for OSB Carpet Replacement				
1072	65, 71, 74, 82, 86	Trailer TR6-0100 Replacement Comm Activation				
1073	65, 71, 74, 82	Trailer TR6-0102 Replacement Comm Activation				
1074	65, 71, 74, 82	Trailer TRM-0023 Replacement Comm Activation				
1075	65, 75	Trailer TRM-0050 Replacement Comm Activation				
1076	65, 71, 74, 75, 81, 82	AT&T Media Center Project, Rev. 1				
1077	66, 66, 81	Comm Support for the Radar Control Building (MCR)				
1079	67, 71, 77, 79	SSPF High Bay Wireless Network				
1080	67, 71, 81	SSPF Phase 2 & Mezzanine Wireless Network Installation				
1082	67, 71	Pluto Comm Support				
1081	68, 75	Hq Network Upgrade				
1078	69, 71, 72, 82	Trailer TR1-0597 Replacement Comm Activation				
1084	68, 74, 81	Dedicated HUMS Network				
1086	69, 76, 87	ESS-AC/MEI GCTV and PCU Communications Implementation Spt				
1083	70, 75, 79	Air Core Cable Install BRRS-CD&SC				
1085	70, 74, 82	ATXS Edge Switch Upgrade				
1087	71, 77, 79, 80	Engr Design to Replace Air Core Cable				
1088	70, 74, 79, 81, 82	Install Fiber from Pad A to Wilson's Corner				
1089	70, 76, 82, 88	ATM & SONET Upgrade				
1090	70	Air Core Offload for CD&SC to Clif, HQ and O&C				
1091	70, 78, 82, 86	Pad A Crawlway Distribution to CXT 8 Copper Cable Installation				
1092	70, 71, 74, 82	Shuttle Flight Termination System (FTS) Compatible Radio Comm Sys				
1093	70, 74, 86, 87	Operational Television (OTV) Survivability - Camera Control Sys Replacmt				
1094	72, 75, 82, 88	SEB II Building Activation Project				
1095	72, 74, 82	O&C 4th & 5th Floor Comm Repair Project				
1096	72	SSPF Communications Room 2242 Network Upgrades				
1097	71, 79, 82, 86, 88	LSE PCO Upgrade and CORRS Implementation				
1098	71, 82, 86, 88	LSP Wireband Upgrade				
1099	72, 77, 82	MFPQF Facility Activation Project				
Subtotal This Page :						SUBTOTAL :

[illegible]

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE N/A	PAGE 1 OF 3
2. AMENDMENT/MODIFICATION NO. 89	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Attached Pages	5. PROJECT NO. (if applicable) N/A
6. ISSUED BY NASA, John F. Kennedy Space Center Office of Procurement Mail Code: OP-ES Attn: Janet Thodos Kennedy Space Center, FL 32899		7. ADMINISTERED BY (if other than item 6) CODE	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)  InDyne, Inc. 6862 Elm Street, Suite 700 McLean, VA 22101		9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS10-03111 10B. DATED (SEE ITEM 13) 9/29/2003	
CODE 1LJ00	FACILITY CODE		

# 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning **N/A** copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

See attached

# 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: NFS 1852.232-81 Contract Funding (JUN 1990)
D. OTHER Specify type of modification and authority


E. IMPORTANT: Contractor X is not,        is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to do the following:

- o Add CLIN 2 incremental funding.
- o Add CLIN 7 incremental funding.
- o Add Contract Value for CLIN 7

See pages 2-3

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Roy M. Colvin	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 1-26-07
(Signature of person authorized to sign)			

14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

a. OBLIGATIONS/VALUE:

CLIN 2 -

PR 4200187542

CLIN 2 - Incremental funding-AF RD160 GPSII R-17 -

Of this amount, goes to cost and goes to fee.

PR 4200187542

CLIN 2 -Incremental funding - Baseline Operations Shuttle :

Of this amount, goes to cost and goes to fee.

PR 4200187542

CLIN 2 - Incremental funding - Baseline Operations LSP

Of this amount, goes to cost and goes to fee.

PR 4200187542

CLIN 2 - Incremental funding-Baseline Operations G&A-

Of this amount, goes to cost and ,oes to fee.

PR 4200187542

CLIN 2 - Incremental funding-Baseline Operations Constellation/CEV-

Of this amount, goes to cost and es to fee.

PR 4200187029

CLIN 2 - Incremental funding-Baseline Operations Constellation/CEV-

Of this amount, es to cost and es to fee.

- \* CLIN 2 total funding increase (Cost):
- \* CLIN 2 total funding increase (Fee) :
- \* CLIN 2 total funding increase:

CLIN 7-

CLIN 7 - Task Order 1087-Engineering Design for Air Core Cable

Contract Value Increase: No Additional funding is added.

PR4200187542

CLIN 7 - Incremental Funding Task Order 1105 -KSC MEDCOMM Upgrade-

Task Order is

incrementally funded - good through date is 31 March 2007.

PR4200187030

CLIN 7 - Incremental Funding Task Order 1122 -ATXS Expansion for KSC-Wide Power Meter-

Task Order is incrementally funded - good through date is 31 March 2007.

PR4200186191

CLIN 7 - Incremental Funding Task Order 1128 -Cable 08 Replacement

Task Order is incrementally

funded - good through date is 30 April 2007.

Contract Value Increase:

- \* CLIN 7 total funding increase :
- \* CLIN 7 total contract value increase :

**b. INCORPORATE INTO THE CONTRACT:**

- o The attached Section B, pages 6 and 7 are hereby incorporated into this contract and shall be inserted in Section B.
  - o The attached Section J.8, pages 3 & 4, CLIN 7 values, is hereby incorporated into this contract and shall be inserted in Section J.8.
- 

**c. FUNDING:**

- o Funding for CLIN 2 cost is increased by
- o Funding for CLIN 2 fee is increased by
- o Funding for CLIN 7 is increased by
- o CLIN 7 total contract value increase :
- o Total increase in funding is

**End of Modification 89**

Table B.4 Contract Funding - con't

AS OF MOD #	CLIN 2 COST	CLIN 2 FEE	CLIN 3	CLIN 4	CLIN 7	TOTAL OBLIGATED AMOUNT
Total Prev Page						
61						
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Subtotal this page						
TOTAL Adequate Through						

Table B-4A Contract Value Summary BASIC Period (FY2004-FY2008)	
Phase In Period 1 <sup>st</sup> Quarter of FY04	CLIN 0001
Basic Requirements (Cost Reimbursable)	CLIN 0002
Maximum Available Award Fee	CLIN 0002
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0003
Administrative Telephones	CLIN 0004
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0007
Total Estimated Contract Value	

\* amounts include overrun adjustment (Mod 74).

#### B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

##### (a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

##### (b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retroactively or prospectively, and such revision shall be set forth in a modification to this contract.

Table J-8D CLIN 7 Values - continued

Task Order #	Modification Numbers	Title	Cost	Fixed Fee	Total Value	Total Obligated Amount
1052-1	65	HQ Training Enhancements Comm Activation				
1064	56, 70	LC-39 OTV Survivability - Camera Control System Replacement System				
1066	58	Network Service Access Point				
1067	56, 70	Pad A to Pad B Fiber				
1068	61, 65	SIDS				
1069	61, 65, 82	Support for Issue Management Tool (Razor)				
1070	61, 65, 77	Storage Facility Activation				
1071	61, 71, 74, 78, 81	LSP Transmission Upgrade				
1085	63, 75, 77, 79	Network Support for OSB Carpet Replacement				
1072	65, 71, 74, 82, 86	Trailer TR6-0100 Replacement Comm Activation				
1073	66, 71, 74, 82	Trailer TR6-0102 Replacement Comm Activation				
1074	65, 71, 74, 82	Trailer TRM-0023 Replacement Comm Activation				
1076	65, 75	Trailer TRM-0050 Replacement Comm Activation				
1078	66, 71, 74, 75, 81, 82	ATCT Media Center Project, Rev 1				
1077	66, 68, 81	Comm Support for the Radar Control Building (MCR)				
1079	67, 71, 77, 79	SSPF High Bay Wireless Network				
1080	67, 71, 81	SSPF Phase 2 & Mezzanine Wireless Network Installation				
1082	67, 71	Piuto Comm Support				
1081	68, 75	Hq Network Upgrade				
1078	68, 71, 72, 82	Trailer TR1-0597 Replacement Comm Activation				
1084	68, 74, 81	Dedicated HUMS Network				
1086	69, 76, 87	ESS-AC/MEI CCTV and PCU Communications Implementation Spt				
1083	70, 75, 79	Air Core Cable Install BRRS-CD&SC				
1085	70, 74, 82	ATXS Edge Switch Upgrade				
1087	71, 77, 79, 80, 89	Engr Design to Replace Air Core Cable				
1088	70, 74, 79, 81, 82	Install Fiber from Pad A to Wilson's Corner				
1089	70, 76, 82, 88	ATM & SONET Upgrade				
1090	70	Air Core Offload for CD&SC to CIF, HQ and O&C				
1091	70, 79, 82, 85	Pad A Crawleyway Distribution to CXT 8 Copper Cable Installation				
1092	70, 71, 74, 82	Shuttle Flight Termination System (FTS) Compatible Radio Comm Sys				
1093	70, 74, 86, 87	Operational Television (OTV) Survivability - Camera Control Sys Replacmt				
1094	72, 75, 82, 85	SEB II Building Activation Project				
1095	72, 74, 82	O&C 4th & 5th Floor Comm Repair Project				
1096	72	SSPF Communications Room 2242 Network Upgrades				
1097	71, 78, 82, 89, 88	LSE PCO Upgrade and CORRS Implementation				
1098	71, 82, 86, 88	LSP Wideband Upgrade				
1099	72, 77, 82	MFPGF Facility Activation Project				
Subtotal This Page :						
SUBTOTAL :						



Table J-03 CLIN 7 Values .. continued

[illegible]

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE N/A	PAGE 1 OF 1
2. AMENDMENT/MODIFICATION NO. CO 90	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Page 2	5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY NASA, John F. Kennedy Space Center Office of Procurement Mail Code: OP-ES Attn: Janet C. Thodos Kennedy Space Center, FL 32899	CODE OP-MS	7. ADMINISTERED BY (If other than item 6)	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (Name, Street, county, State and ZIP Code)  InDyne, Inc. 6862 Elm Street, Suite 700 McLean, VA 22101			9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS10-03111 10B. DATED (SEE ITEM 13) 9/29/2003	
CODE 1LJ00	FACILITY CODE			

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning **N/A** copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.
12. ACCOUNTING AND APPROPRIATION DATA (If required)

Available Upon Request From Contracting Officer

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

X	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. FAR 52.243-2 CHANGES-COST REIMBURSEMENT (AUG 1987) AND ALTERNATE II (APRIL 1984)
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor X is not, is required to sign this document and return \_\_\_ copies to the issuing office.

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION

This modification incorporates the FAR clause 52.204-9, Personnel Identity Verification of Contractor Personnel, in Section I (Contract Clauses) of the contract. This clause is also applicable to all subcontracts when the subcontractor is required to have physical access to a federally controlled facility or access to a federal information system. The incorporation of this clause into the contract is only as it relates to the credentialing requirements of Homeland Security Presidential Directive 12 (HSPD-12 and FIPS PUB Number 201 (Reference Procurement Information Circular (PIC) 06-01, dated January 18, 2006). The not-to-exceed estimated cost for performing this work is

As a result of the above change, Section I, Contract Clauses, page 1 is deleted and replaced with the attached page Section I, Contract Clauses, page 1.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Janet C. Thodos Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED 11/26/07
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

PART II - CONTRACT CLAUSES

SECTION I

CONTRACT CLAUSES

I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.202-1	DEC 2001	DEFINITIONS
52.203-3	APR 1984	GRATUITIES
52.203-5	APR 1984	COVENANT AGAINST CONTINGENT FEES
52.203-6	JUL 1995	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT
52.203-7	JUL 1995	ANTI-KICKBACK PROCEDURES
52.203-8	JAN 1997	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-10	JAN 1997	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-12	JUN 1997	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
52.204-2	AUG 1996	SECURITY REQUIREMENTS
52.204-4	AUG 2000	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER
52.204-9	JAN 2006	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL
52.209-6	JUL 1995	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT
52.211-15	SEP 1990	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS
52.215-2	JUN 1999	AUDIT AND RECORDS--NEGOTIATION
52.215-8	OCT 1997	ORDER OF PRECEDENCE - UNIFORM CONTRACT FORMAT
52.215-11	OCT 1997	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA-- MODIFICATIONS

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE N/A	PAGE 1 OF 1 PAGES
2. AMENDMENT/MODIFICATION NO 91	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Page 2	5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY NASA, John F. Kennedy Space Center Office of Procurement Mail Code: OP-ES Attn: Janet C. Thodos Kennedy Space Center, FL 32899		7. ADMINISTERED BY (If other than Item 6) CODE	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)  InDyne, Inc. 6862 Elm Street, Suite 700 McLean, VA 22101			9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS10-03111 10B. DATED (SEE ITEM 13) 9/29/2003	
CODE 1LJ00		FACILITY CODE		

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning N/A copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (If required)

Available Upon Request From Contracting Officer

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A.	THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.163(d).
C.	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D.	OTHER: Specify type of modification and authority

E. IMPORTANT: Contractor X is not, is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION

The purpose of this modification is to update NASA FAR Supplement clause 1852.204-76 entitled "Security Requirements for Unclassified Information Technology Resources (July 2002)" to incorporate the updated version of the clause.

1. The current NASA FAR Supplement clause 1852.204-76 entitled "Security Requirements for Unclassified Information Technology Resources (July 2002)" is hereby deleted and replaced with the following latest version NASA FAR Supplement clause 1852.204-76 entitled "Security Requirements for Unclassified Information Technology Resources (November 2004) Deviation".
2. As a result of the change, Section I, Contract Clauses, page 6 is deleted and replaced with the attached page Section I, Contract Clauses, Page 6.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Janet C. Thodos Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 2/1/07

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
1852.203-70	JUN 2001	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
1852.204-76	NOV 2004 (Deviation)	SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES
1852.209-72	DEC 1988	COMPOSITION OF THE CONTRACTOR
1852.216-74	DEC 1991	ESTIMATED COST AND FIXED FEE (data to be provided in each task order issued against clin 0007)
1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS
1852.217-70	DEC 1988	PROPERTY ADMINISTRATION AND REPORTING
1852.219-74	SEP 1990	USE OF RURAL AREA SMALL BUSINESSES
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.219-79	MAR 1999	MENTOR REQUIREMENTS AND EVALUATION
1852.223-74	MAR 1996	DRUG AND ALCOHOL-FREE WORKPLACE
1852.227-87	APR 1989	TRANSFER OF TECHNICAL DATA UNDER SPACE STATION INTERNATIONAL AGREEMENTS
1852.235-70	JUL 2000	CENTER FOR AEROSPACE INFORMATION--FINAL SCIENTIFIC AND TECHNICAL REPORTS
1852.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
1852.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS ALTERNATE II
1852.242-78	APR 2001	EMERGENCY MEDICAL SERVICES AND EVALUATION
1852.243-71	MAR 1997	SHARED SAVINGS

(End Of Clause)

I.2 CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2) (FEB  
1998)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE N/A	PAGE 1 OF 3
2. AMENDMENT/MODIFICATION NO. 92	3. EFFECTIVE DATE See Block 15C	4. REQUISITION/PURCHASE REQ. NO. See Attached Pages	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY NASA, John F. Kennedy Space Center Office of Procurement Mail Code: OP-ES Attn: Janet Thodos Kennedy Space Center, FL 32899		7. ADMINISTERED BY (If other than Item 6) CODE	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP; Code)  InDyne, Inc. 6862 Elm Street, Suite 700 McLean, VA 22101		9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS10-03111 10B. DATED (SEE ITEM 13) 9/29/2003	
CODE 1LJ00	FACILITY CODE		

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning **N/A** copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See attached

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: NFS 1852.232-61 Contract Funding (JUN 1990)
D. OTHER Specify type of modification and authority)

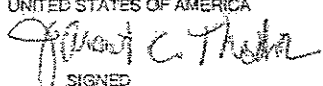
E. IMPORTANT: Contractor X is not,        is required to sign this document and return        copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to do the following:

- o Add CLIN 2 incremental funding.
- o Add CLIN 7 incremental funding.
- o Add Contract Value for CLIN 7

See pages 2-3

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Janet C. Thodos	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	15B. UNITED STATES OF AMERICA  SIGNED (Signature of Contracting Officer)	15C. DATE SIGNED 2/22/03

## 14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

## a. OBLIGATIONS/VALUE:

CLIN 2 --PR 4200187793

CLIN 2 -- Incremental funding-AF RD160-Delta IV DSP-23 -

Of this amount, \_\_\_\_\_ goes to cost and \_\_\_\_\_ goes to fee.

PR 4200189230

CLIN 2 -- Incremental funding-AF RD160 Comm NROL 30 Atlas V -

Of this amount, \_\_\_\_\_ goes to cost and \_\_\_\_\_ goes to fee.

PR 4200190235

CLIN 2 --Incremental funding -- AF RSA/SLRS 45 Space Wing

Of this amount, \_\_\_\_\_ goes to cost and \_\_\_\_\_ goes to fee.

PR 4200190235

CLIN 2 -- Incremental funding -- Delta II PLDC Phoenix Support

Of this amount, \_\_\_\_\_ goes to cost and \_\_\_\_\_ goes to fee.

PR 4200190235

CLIN 2 -- Incremental funding-Baseline Operations-Station Ops-

Of this amount, \_\_\_\_\_ goes to cost and \_\_\_\_\_ goes to fee.

- \* CLIN 2 total funding increase (Cost):
  - \* CLIN 2 total funding increase (Fee) :
  - \* CLIN 2 total funding increase:
- =====

CLIN 7--

CLIN 7 -- Task Order 1083-Air Core Cable Replacement from BRRS to CDSC-Phase 2

Contract Value Increase:

PR4200190235CLIN 7 -- Incremental Funding Task Order 1093--OTV Survivability Camera  
incrementally funded -- good through date is 30 March 2007.

Task Order is

CLIN 7 -- Task Order 1105-KSC Medcomm Upgrade

Contract Value Increase:

PR4200189717CLIN 7 -- Incremental Funding Task Order 1110 --NASA Debris Radar Rev 1 -  
incrementally funded -- good through date is 15 April 2007.

Task Order is

PR4200190235CLIN 7 -- Incremental Funding Task Order 1118--Shuttle Launch and Landing Trans and Retirement -  
Task Order is incrementally funded -- good through date is 30 March 2007.PR4200190235CLIN 7 -- Incremental Funding Task Order 1124--Voice TAL Site Satellite Radio Replacement -  
Order is incrementally funded -- good through date is 30 March 2007.

Task

PR4200190235

CLIN 7 – Incremental Funding Task Order 1129 –VABR to CD&amp;SC Copper Cable Installation~

ask

Order is incrementally funded – good through date is 31 May 2007

Contract Value Increase:

PR4200187394CLIN 7 – Incremental Funding Task Order 1130 –CIF 2<sup>nd</sup> Floor Network Upgrade~

Task Order is

incrementally funded – good through date is 30 April 2007

Contract Value Increase:

PR4200187394

CLIN 7 – Incremental Funding Task Order 1131 –KNET Infrastructure Upgrades Phase 2C-Base Support Building Network Upgrade~

Task Order is incrementally funded – good through date is 30 April 2007.

Contract Value Increase:

PR4200189230CLIN 7 – Incremental Funding Task Order 1132 –OSB 1 Network Upgrade (6<sup>th</sup> Floor)~

Task Order is

incrementally funded – good through date is 30 March 2007.

Contract Value Increase:

PR4200189230

CLIN 7 – Incremental Funding Task Order 1133 –Base Operations Building Network Upgrade~

Task

Order is incrementally funded – good through date is 10 July 2007.

Contract Value Increase:

- CLIN 7 total funding increase :
  - CLIN 7 total contract value increase :
- =====

**b. INCORPORATE INTO THE CONTRACT:**

- o The attached Section B, pages 7 and 8 are hereby incorporated into this contract and shall be inserted in Section B.
  - o The attached Section J.8, pages 3 & 4, CLIN 7 values, is hereby incorporated into this contract and shall be inserted in Section J.8.
- =====

**c. FUNDING:**

- o Funding for CLIN 2 cost is increased by
- o Funding for CLIN 2 fee is increased by
- o Funding for CLIN 7 is increased by
- o CLIN 7 total contract value increase :
- o Total increase in funding is

**End of Modification 92**



Table B.4 Contract Funding - con't.

AS OF MOD #	CLIN 2 COST	CLIN 2 FEB	CLIN 3	CLIN 4	CLIN 7	TOTAL OBLIGATED
Total Prev Page						
90						
91						
92						
Subtotal this page						
TOTAL						
Adequate Through						

Table B-4A Summary BASIC Period (FY2004-FY2008)

Phase In Period 1 <sup>st</sup> Quarter of FY04	CLIN 0001
Basic Requirements (Cost Reimbursable)	CLIN 0002
Maximum Available Award Fee	CLIN 0002
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0003
Administrative Telephones	CLIN 0004
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0007
Total Estimated Contract Value	

#### B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

##### (a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

##### (b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retroactively or prospectively, and such revision shall be set forth in a modification to this contract.

Table J-8B CLIN 7 Values - continued

Task Order #	Modification Numbers	Title	Cost	Fixed Fee	Total Value	Total Obligated Amount
1052-1	55	HQ Training Enhancements Comm Activation				
1064	56, 70	LC-39 OTV Survivability - Camera Control System Replacement System				
1066	56	Network Service Access Point				
1067	56, 70	Pad A to Pad B Fiber				
1068	61, 65	SIDS				
1069	61, 65, 82	Support for Issue Management Tool (Razor)				
1070	61, 65, 77	Storage Facility Activation				
1071	61, 71, 74, 79, 81	LSP Transmission Upgrade				
1065	63, 75, 77, 79	Network Support for OSB Carpet Replacement				
1072	65, 71, 74, 82, 86	Trailer TR6-0100 Replacement Comm Activation				
1073	65, 71, 74, 82	Trailer TR6-0102 Replacement Comm Activation				
1074	65, 71, 74, 82	Trailer TRM-0023 Replacement Comm Activation				
1075	65, 75	Trailer TRM-0050 Replacement Comm Activation				
1076	65, 71, 74, 75, 81, 82	ATCT Media Center Project, Rev 1				
1077	66, 68, 81	Comm Support for the Radar Control Building (MCR)				
1079	67, 71, 77, 79	SSPF High Bay Wireless Network				
1080	67, 71, 81	SSPF Phase 2 & Mezzanine Wireless Network Installation				
1082	67, 71	Pluto Comm Support				
1081	68, 75	Hq Network Upgrade				
1078	68, 71, 72, 82	Trailer TR1-0597 Replacement Comm Activation				
1084	68, 74, 81	Dedicated HUMS Network				
1086	69, 76, 87	ESS-AC/MEI CCTV and PCU Communications Implementation Spt				
1083	70, 75, 79, 82	Air Core Cable Install BRRS-CD&SC				
1085	70, 74, 82	ATXS Edge Switch Upgrade				
1087	71, 77, 79, 80, 89	Engr Design to Replace Air Core Cable				
1088	70, 74, 79, 81, 82	Install Fiber from Pad A to Wilson's Corner				
1089	70, 76, 82, 86	ATM & SONET Upgrade				
1090	70	Air Core Offload for CD&SC to OIF, HQ and O&C				
1091	70, 79, 82, 89	Pad A Crawlerway Distribution to CXT 8 Copper Cable Installation				
1092	70, 71, 74, 82	Shuttle Flight Termination System (FIS) Compatible Radio Comm Sys				
1093	70, 74, 86, 87, 82	Operational Television (OTV) Survivability - Camera Control Sys Replacmt				
1094	72, 75, 82, 88	SEB II Building Activation Project				
1095	72, 74, 82	O&C 4th & 5th Floor Comm Repair Project				
1096	72	SSPF Communications Room 2242 Network Upgrades				
1097	71, 79, 82, 86, 88	LSE PCO Upgrade and CORRS Implementation				
1098	71, 82, 86, 88	LSP Wideband Upgrade				
1099	72, 77, 82	MFPQF Facility Activation Project				
Subtotal This Page :						
SUBTOTAL :						

Table J-8B CLIN 7 Values - continued

[illegible]